

Claims

1. Method of determining and displaying powers of code channels of a CDMA signal, the powers of the individual code channels being determined and shown on an output device (20), characterised by the following method steps:

- determining the powers of the individual code channels respectively for an in-phase arm (7) and a quadrature phase arm (8),
- showing the powers of the code channels of the in-phase arm (7) and/or the powers of the code channels of the quadrature phase arm (8),

in the representation of the powers of the code channels of the in-phase arm (7), the powers of those code channels, which are inactive in the in-phase arm (7) but active in the quadrature phase arm (8), being shown distinguishably from the powers of the remaining code channels and/or

in the representation of the powers of the code channels of the quadrature phase arm (8), those code channels, which are inactive in the quadrature phase arm (8) but active in the in-phase arm (7), being shown distinguishably from the remaining code channels.

2. Method according to claim 1,

characterised in that

those code channels, which are active both in the in-phase arm (7) and in the quadrature phase arm (8), are shown in the respective representation of the powers of the code channels of the in-phase arm (7) or respectively of the quadrature phase arm (8) distinguishably from the remaining code channels.

3. Method according to claim 1 or 2,

characterised in that

in the representation of the powers of the code channels of the in-phase arm (7) or respectively of the quadrature phase arm (8), for graphic differentiation, the powers of the code channels which are active only in the in-phase arm (7) or respectively only in the quadrature phase arm (8), of the code channels which are inactive in the in-phase arm (7) or respectively in the quadrature phase arm (8) but active in the quadrature phase arm (8) or respectively in-phase arm (7) and/or of the code channels which are active in both arms (7, 8) are shown respectively distinguishably by colour or graphically.

4. Method according to one of the claims 1 to 3,

characterised in that

the representation of the powers of the code channels of the in-phase arm (7) and/or of the quadrature phase arm (8) is effected in respectively one diagram (23, 24).

5. Method according to one of the claims 1 to 3,

characterised in that

the representation of the powers of the code channels of the in-phase arm (7) and/or of the quadrature phase arm (8) is effected together in one diagram.

6. Analysis device (1) for analysing a CDMA signal, having a receiver device (3-6) for receiving the CDMA signal, a modulator (9-12) for demodulating the received signal of a power measuring device (18_I, 18_Q) for measuring the power of individual code channels and an output device (20) for displaying the powers measured in the individual code channels,

characterised in that,

by means of the power measuring device (18), the powers of the code channels for the in-phase arm (7) and for the quadrature phase arm (8) are measurable separately from each other and in that, by means of the output device (20), the powers of the code channels of the in-phase arm (7) and/or of the quadrature phase arm (8) are able to be shown, wherein, by means of the output device (20), in the representation of the powers of the code channels of the in-phase arm (7), those code channels, which are inactive in the in-phase arm (7) but active in the quadrature phase arm (8), are able to be shown distinguishably from the remaining code channels, and/or wherein, by means of the output device (20), in the representation of the powers of the code channels of the quadrature phase arm (8), those code channels, which are inactive in the quadrature phase arm (8) but active in the in-phase arm (7), are able to be shown distinguishably from the remaining code channels.